

Serial No.: 10/731,906

Attorney Docket No.: LET01-GN005

Request for Continued Examination and Amendment

IN THE CLAIMS:

1. (Currently Amended) A system that facilitates the association of data with a user, a first user context and a second user context, comprising:

a storage device adapted to store data and contextual metadata, the contextual metadata being associated with:

a) the user;

a) b) a data component that is associated with one or more data operations being performed on the data; and

b) c) a tagging component that automatically tags contextual information ~~to~~ as the contextual metadata when the data is created, the contextual information being at least one of automatically generated information generated by the system upon creation of the data and automatically generated information generated by the system upon the one or more data operations being performed on the data; and

a computer device linked via one or more communication links to the storage device, the computer device adapted to execute a software tool configured to perform the steps of:

performing one or more data operations, by the user, on the data while in a the first user context to which the software tool is associated;

automatically tagging contextual information related to the user, the software tool, and the first user context to the data as ~~to~~ the contextual metadata; and

updating the contextual metadata based upon the one or more data operations;

performing one or more data operations on the data by the user in the second user context to which the software tool is associated;

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automatically tagging contextual information related to the user, the software tool, and the second user context to the data as contextual metadata; and  
updating the contextual metadata based upon the one or more data operations.

2. (Original) The system of claim 1, the contextual information is tagged to the data when the data is being saved.
3. (Original) The system of claim 1, the contextual information is tagged to the data when the data is first saved.
4. (Currently Amended) The system of claim 1, wherein the contextual information is representative of at least one of the first user context and the second user context that is associated with a board.
5. (Currently Amended) The system of claim 1, wherein the contextual information is automatically tagged to any type of data created in association with at least one of the first user context and the second user context.
6. (Original) The system of claim 1, the contextual information includes a link to a storage location of the data.
7. (Currently Amended) The system of claim 1, the contextual information includes a link to a storage location of the data, which link is assigned ~~to~~ associated with each user of at least one of the first user context and the second user context in which the data was created.
8. (Currently Amended) The system of claim 1, wherein the contextual information is associated with at least one of the first user context and the

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second user context, wherein at least one of the first user context and the second user context which user context is further associated with an application tool that is used to generate the data.

9. (Currently Amended) The system of claim 8, wherein the application tool ~~includes a pointer for each user associated~~ is associated with at least one of the first user context and the second user context, and contains the ability to associate the user with the data created by the application tool.

10. (Currently Amended) The system of claim 9, the ~~pointer~~ application tool points to a storage location of the data.

11. (Currently Amended) The system of claim 1, wherein the data component ~~monitors the data being created from~~ includes one or more applications that perform data operations related to at least one of (including but not limited to) telephony, unified messaging, decision support, document management, portals, chat, collaboration, search, vote, relationship management, calendar, personal information management, profiling, video, directory management, executive information systems, dashboards, cockpits, tasking, meeting and, web and video conferencing.

12. (Currently Amended) The system of claim 1, wherein the contextual information includes context data that is representative of ~~a~~ at least one of the first user context and the second user context, which context data is automatically tagged to the data.

13.-15. (Canceled)

16. (Currently Amended) A system that facilitates the association of data with a user and a user context, comprising:

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a storage device adapted to store data and contextual metadata, the contextual metadata being associated with:

a) the user;

a) b) a data component that is associated with one or more data operations performed by a the user on the data in a context of the user; and

b) c) a tagging component that automatically tags contextual information of ~~at least one~~ the user ~~to~~ as the contextual metadata when it the data is first saved, the contextual information being at least one of automatically generated information generated by the system upon creation of the data and automatically generated information generated by the system upon the one or more data operations being performed on the data; and

a computer device linked via one or more communication links to the storage device, the computer device adapted to execute a software tool configured to perform the steps of:

performing one or more data operations, by the user, on the data while in a the user context to which the software tool is associated;

automatically tagging contextual information ~~of the at least one user~~ related to the user, the software tool, and the user context to the data to the as contextual metadata; and

updating the contextual metadata based upon the one or more data operations;

wherein the user context includes a plurality of user contexts; and

wherein the contextual metadata is updated based on upon the one or more data operations occurring in any one of the plurality of user contexts.

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17. (Original) The system of claim 16, the contextual information includes a link to a single storage location of the data.

18. (Original) The system of claim 16, the contextual information includes a link to a storage location of the data, which link is assigned to each user of a context in which the data was created.

19. (Currently Amended) The system of claim 16, the contextual information is associated with a context that is further associated with an application tool that generates the data, the application tool includes a pointer for to each user context to which it is associated ~~with the context~~.

20. (Original) The system of claim 19, the pointer points to the only storage location of the data.

21. (Original) The system of claim 19, the pointer is generated with a read-only access.

22. (Original) The system of claim 16, the one or more data operations cause updating of at least one of the contextual information and the data.

23. (Original) The system of claim 16, the contextual information includes at least one of web ID, a board ID, a transversal to the location of the data, and parameters representative of the one or more data operations that can be performed on the data.

24. (Currently Amended) A computer-implemented method that facilitates associating data with a user and a first user context and a second user context, comprising:

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initiating a session on a computer system for a user in a the first user context, wherein the user context is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;

performing one or more data operations, by the user, on the data while in the first user context;

automatically tagging contextual information related to the user and the first user context to the data, the contextual information being at least one of information related to the first user context generated automatically upon creation of the data and information related to the first user context generated automatically upon the one or more data operations being performed on the data;  
and

updating the contextual information based upon the one or more data operations;

initiating a session on a computer system for a user in the second user context, wherein the user context is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;

performing one or more data operations, by the user, on the data while in the second user context;

automatically tagging contextual information related to the user and the second user context to the data, the contextual information being at least one of information related to the second user context generated automatically upon creation of the data and information related to the second user context generated automatically upon the one or more data operations being performed on the data;  
and

updating the contextual information based upon the one or more data operations.

25. (Original) The method of claim 24, further comprising tagging the contextual information to the data when the data is first being saved.

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26. (Currently Amended) The method of claim 24, the contextual information is updated ~~only after~~ when the data is ~~has first been~~ saved.
27. (Original) The method of claim 24, further comprising tagging the contextual information to the data in accordance with a backup operation.
28. (Currently Amended) The method of claim 24, further comprising linking associating one or more users of at least one of the first user context and the second user context to the data using the contextual information.
29. (Original) The method of claim 28, the one or more users are granted at least read access to the data.
30. (Original) The method of claim 24, further comprising encoding the location of the stored data such that the encoded location is processed to access the stored data.
31. (Currently Amended) A computer-implemented method that facilitates associating data with a user and a user context, comprising:  
initiating a session on a computer system for a the user in a the user context, wherein the user context is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;  
performing one or more data operations, by the user via the computer system, on the data while in the user context;  
automatically tagging contextual information related to the user and the user context to the data, the contextual information being at least one of information related to the user context generated automatically upon creation of the data and information related to the user context generated automatically upon the one or more data operations being performed on the data;

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updating the contextual information based upon the one or more data operations; and

linking the user and one or more other users with the location of the data.

32. (Currently Amended) The method of claim 31, the user and the one or more other users are associated with at least one of a first user context and a second a user context of the user.

33. (Original) The method of claim 31, further comprising linking the data with the one or more other users of other respective user contexts.

34. (Original) The method of claim 33, the data is linked using a webslice.

35. (Original) The method of claim 31, the user is linked to the data from another context to which the user has access.

36. (Previously Amended) A computer-readable medium having computer-executable instructions for performing a method that facilitates associating data with a user, the method comprising:

initiating a session on a computer system for a user in a user context, wherein the user context is a digital workspace of events, subjects, relationships and resources associated with the user;

providing a collaboration data management tool for at least many-to-many functionality, the tool facilitates data operations on data related to at least one of data communications, data organization, data processing, and data storage;

performing one or more data operations on the data;

automatically tagging contextual information related to the user to the data, the contextual information being at least one of information related to the user context generated automatically upon creation of the data and information



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related to the user context generated automatically upon the one or more data operations being performed on the data;

updating the contextual information based upon the one or more data operations; and

linking the user with the location of the data.

37. (Currently Amended) A system that facilitates the association of data with a first user context and a second user context in a many-to-many data regime, comprising:

computer-implemented means for initiating a session on a computer system for a user in a the first user context and the second user context, wherein the first user context and the second user context are each is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;

computer-implemented means for performing one or more data operations on the data while in at least one of the first context and the second context;

computer-implemented means for automatically tagging to the data contextual information related to the first user context, the contextual information being at least one of information related to the first user context generated automatically upon creation of the data and information related to the first user context generated automatically upon the one or more data operations being performed on the data;

computer-implemented means for automatically tagging to the data contextual information related to the second user context, the contextual information being at least one of information related to the second user context generated automatically upon creation of the data and information related to the second user context generated automatically upon the one or more data operations being performed on the data;

computer-implemented means for updating the contextual information based upon the one or more data operations; and

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computer-implemented means for linking the user with the location of the data.

38. (Newly Added) The system of claim 1, wherein the first user context is at least one of a first web page, a first user environment, a first workspace, a first portal, a first profile, a first board, a first Uniform Resource Locator and a first link.

39. (Newly Added) The system of claim 1, wherein the second user context is at least one of a second web page, a second user environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.

40. (Newly Added) The method of claim 24, wherein the first user context is at least one of a first web page, a first workspace, a first portal, a first user environment, a first profile, a first board, a first Uniform Resource Locator and a first link.

41. (Newly Added) The method of claim 24, wherein the second user context is at least one of a second web page, a second user environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.

42. (Newly Added) The method of claim 32,  
wherein the first user context is at least one of a first web page, a first user environment, a first workspace, a first portal, a first profile, a first board, a first Uniform Resource Locator and a first link; and  
wherein the second user context is at least one of a second web page, a second user environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.

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43. (Newly Added) A system that tags user-defined data with metadata comprising:

a storage device that stores the user-defined data and the metadata, the metadata including information about:

- a) the user,
- b) a software application that creates data based upon one or more user interaction with the software application;
- c) a tagging component that automatically tags the user-defined data with at least one of metadata related to the user, the software application and a web page associated with the software application when the user performs one or more data operations using the software application; and

a computer device linked by one or more communication links to the storage device, the computer device adapted to execute a software program configured to perform the steps of:

creating a first instance of user-defined data via user interaction with the software application in a first web page to which the application is associated;

automatically tagging the first instance of user-defined data with the metadata relating to the user, the software application and the first web page;

updating the metadata based, at least in part, on the user interacting with the software application in the first web page;

navigating to a second web page;

creating a second instance of user-defined data via user interaction with the software application in a second web page to which the application is associated;

automatically tagging the second instance of user-defined data with the metadata relating to the user, the software application and the second web page; and

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updating the metadata based, at least in part, on the user  
interacting with the software application in the second web page.